S00P1547

FIG. 1

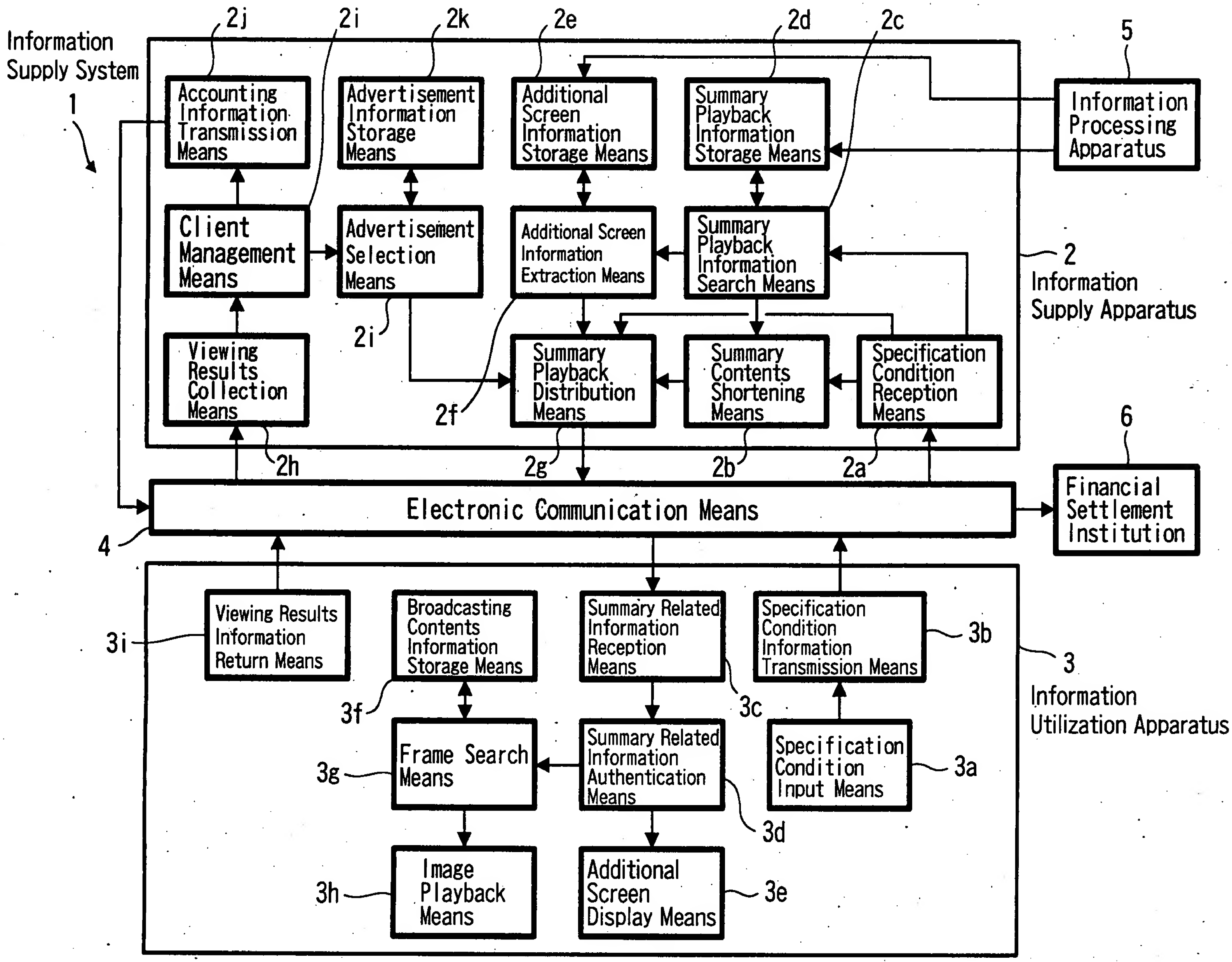


FIG. 2

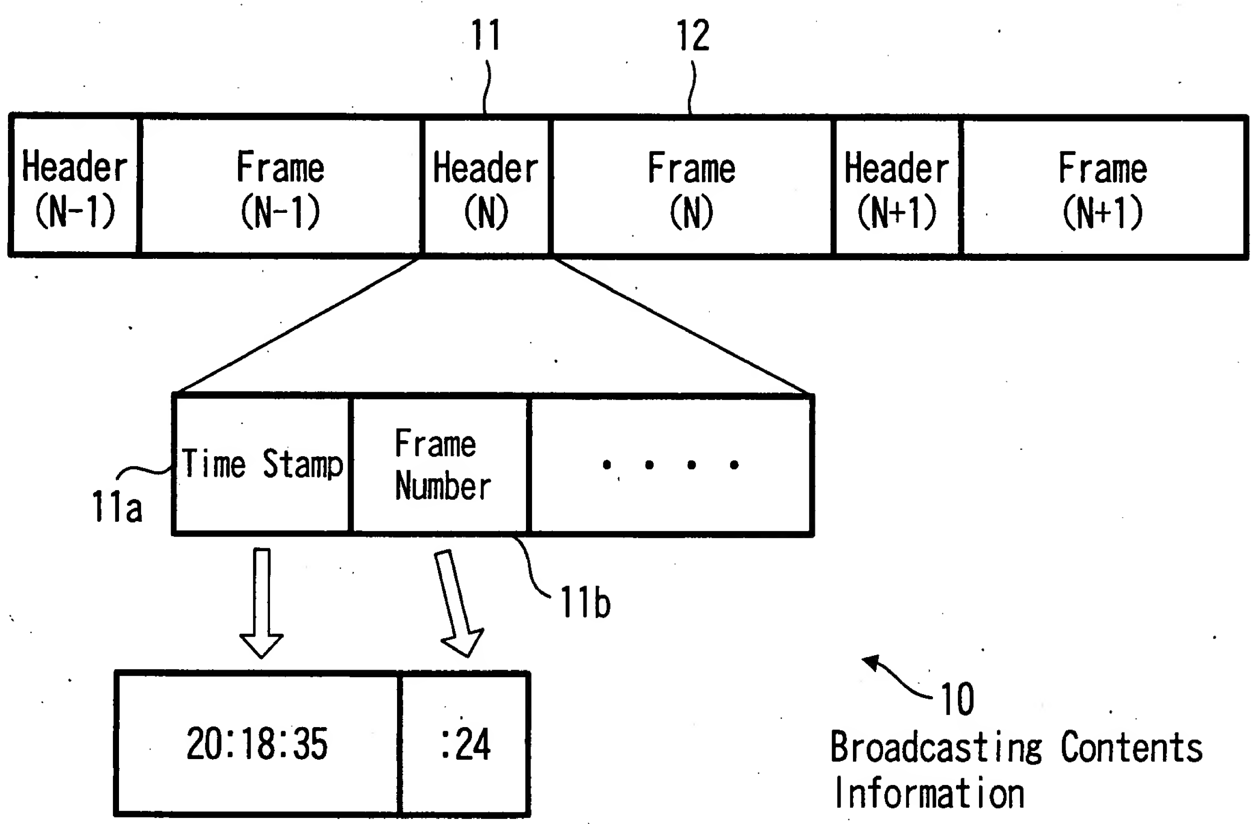

11
12
Header (N-1)
Frame (N-1)
Header (N)
Frame (N)
Header (N+1)
Frame (N+1)
Time Stamp
Frame Number
. . . .
11a
11b
20:18:35
:24
10
Broadcasting Contents Information

FIG. 3

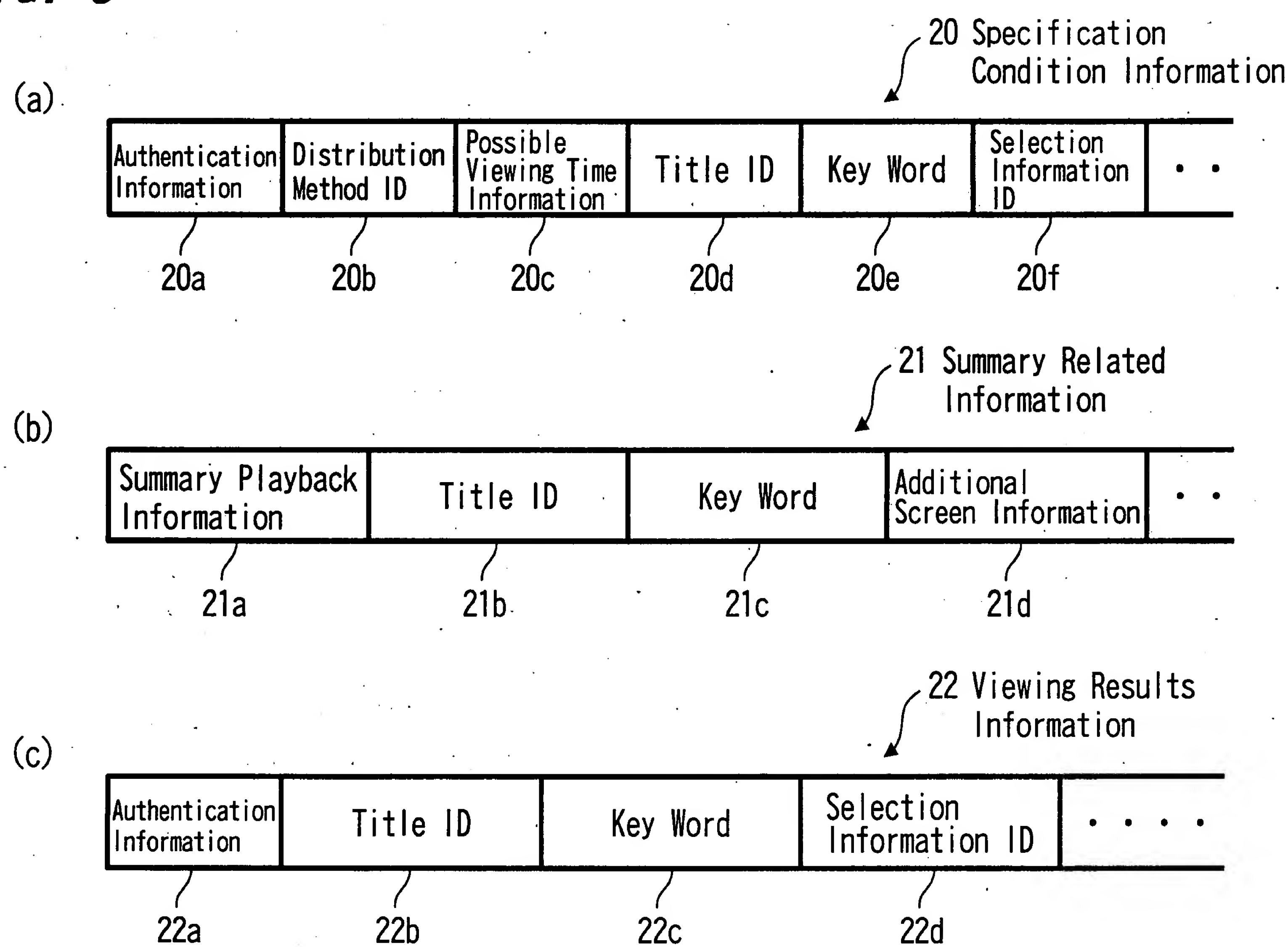

(a)
20 Specification Condition Information
Authentication Information
Distribution Method ID
Possible Viewing Time Information
Title ID
Key Word
Selection Information ID
20a
20b
20c
20d
20e
20f
(b)
21 Summary Related Information
Summary Playback Information
Title ID
Key Word
Additional Screen Information
21a
21b
21c
21d
(c)
22 Viewing Results Information
Authentication Information
Title ID
Key Word
Selection Information ID
22a
22b
22c
22d

FIG. 4

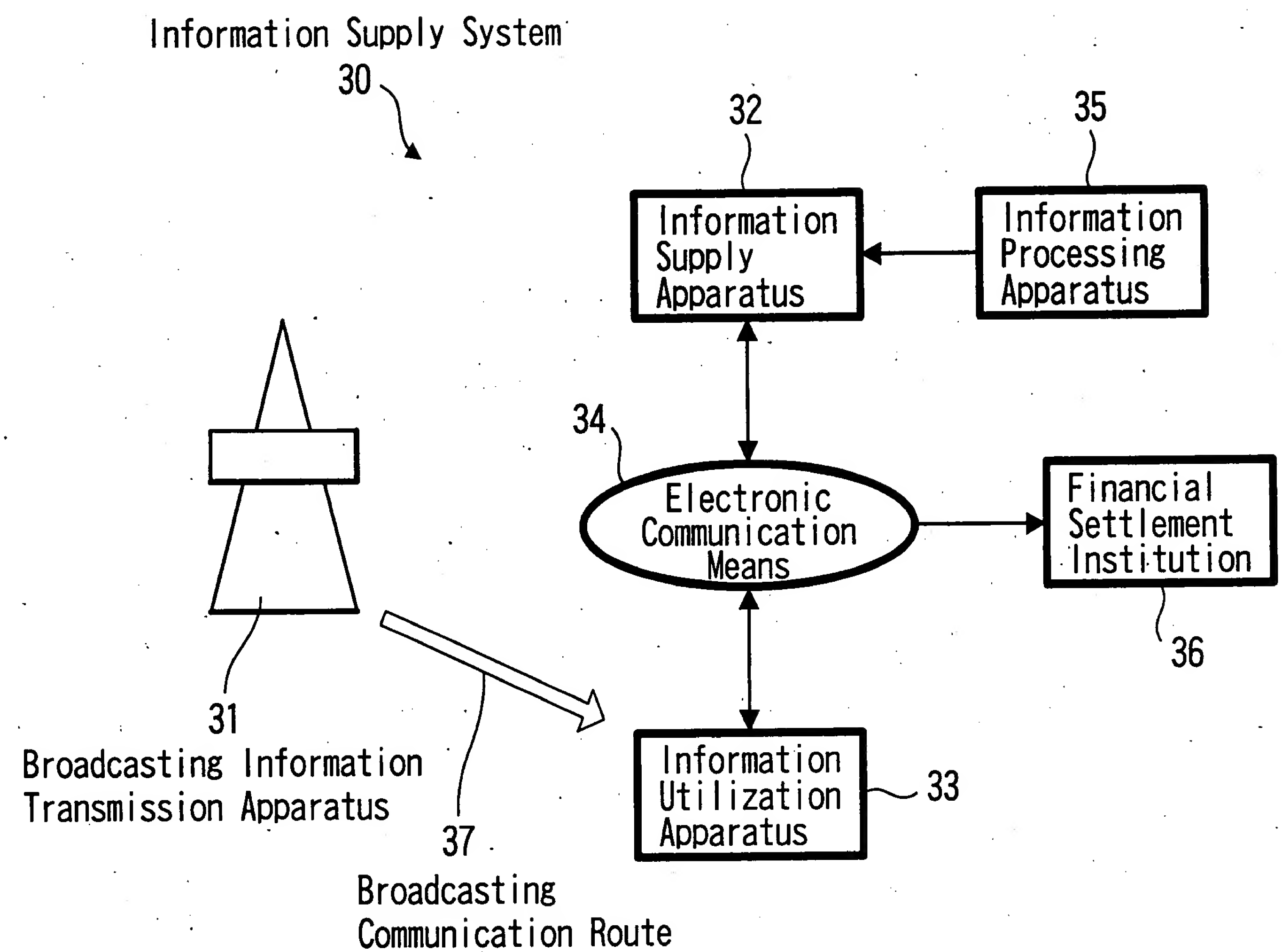

Information Supply System
30
32
Information Supply Apparatus
35
Information Processing Apparatus
34
Electronic Communication Means
Financial Settlement Institution
36
31
Broadcasting Information Transmission Apparatus
37
Broadcasting Communication Route
Information Utilization Apparatus
33

FIG. 5

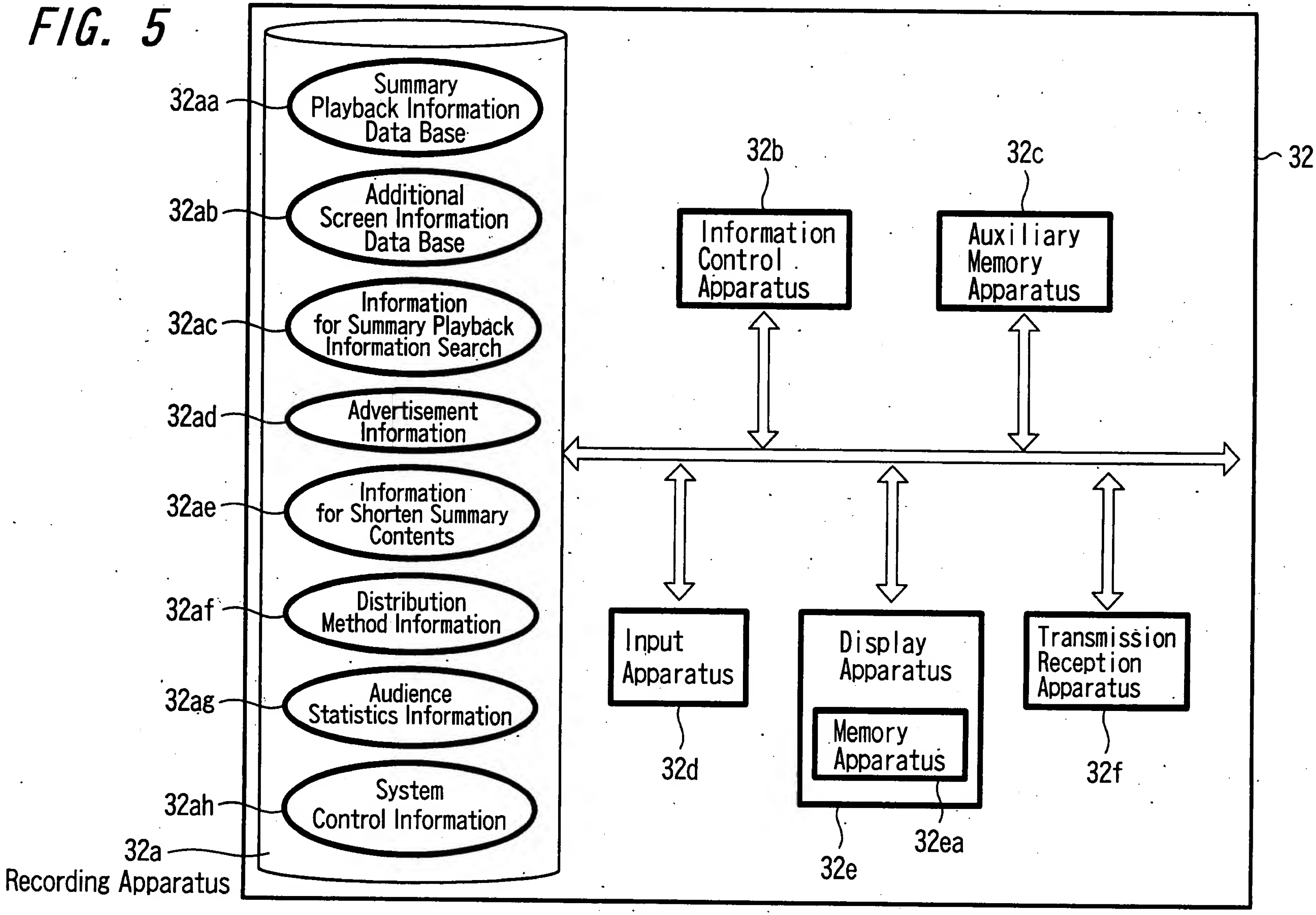

32
32aa
Summary Playback Information Data Base
32ab
Additional Screen Information Data Base
32ac
Information for Summary Playback Information Search
32ad
Advertisement Information
32ae
Information for Shorten Summary Contents
32af
Distribution Method Information
32ag
Audience Statistics Information
32ah
System Control Information
32a
Recording Apparatus
32b
Information Control Apparatus
32c
Auxiliary Memory Apparatus
Input Apparatus
32d
Display Apparatus
Memory Apparatus
32e
32ea
Transmission Reception Apparatus
32f

FIG. 6

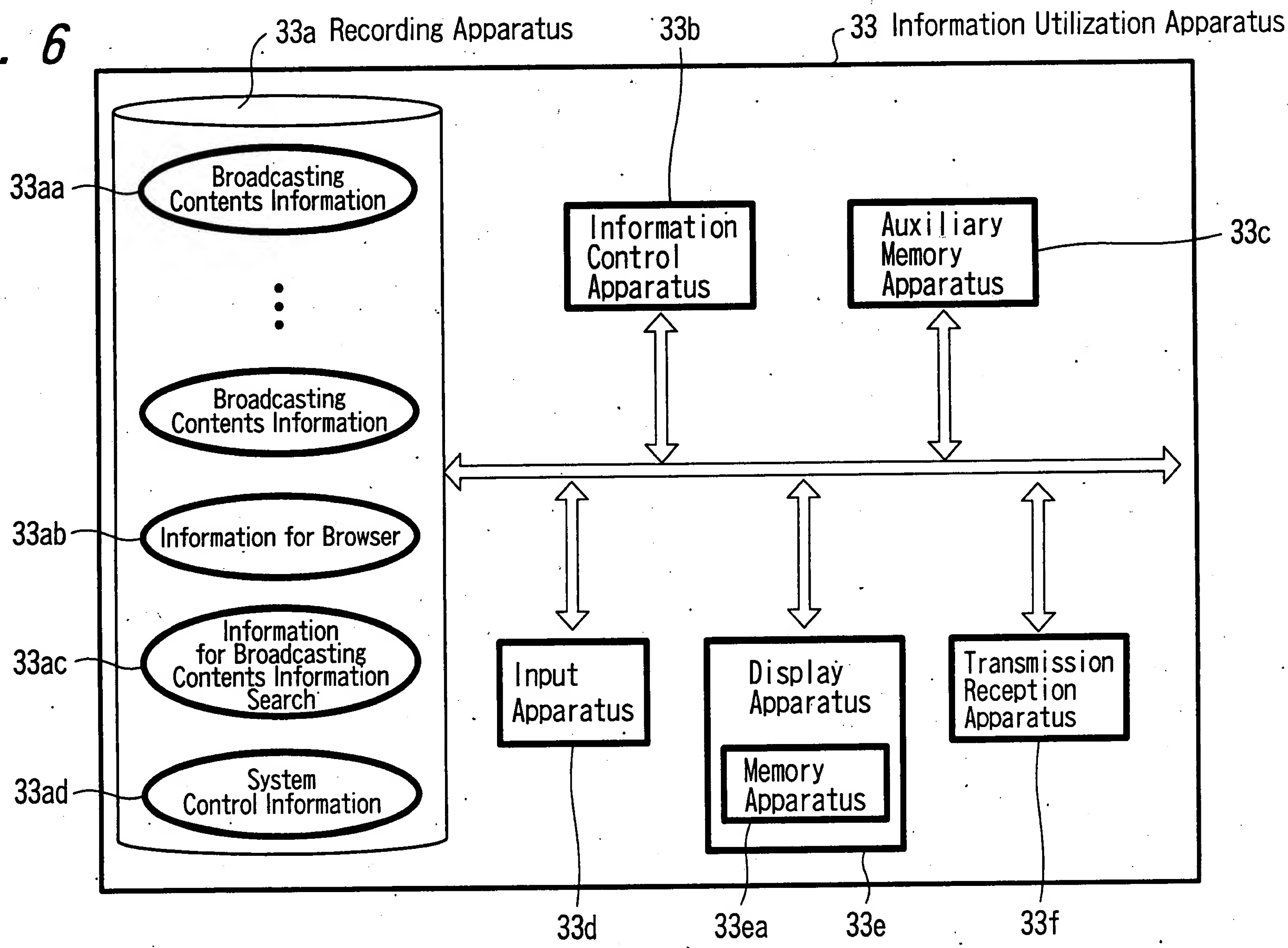
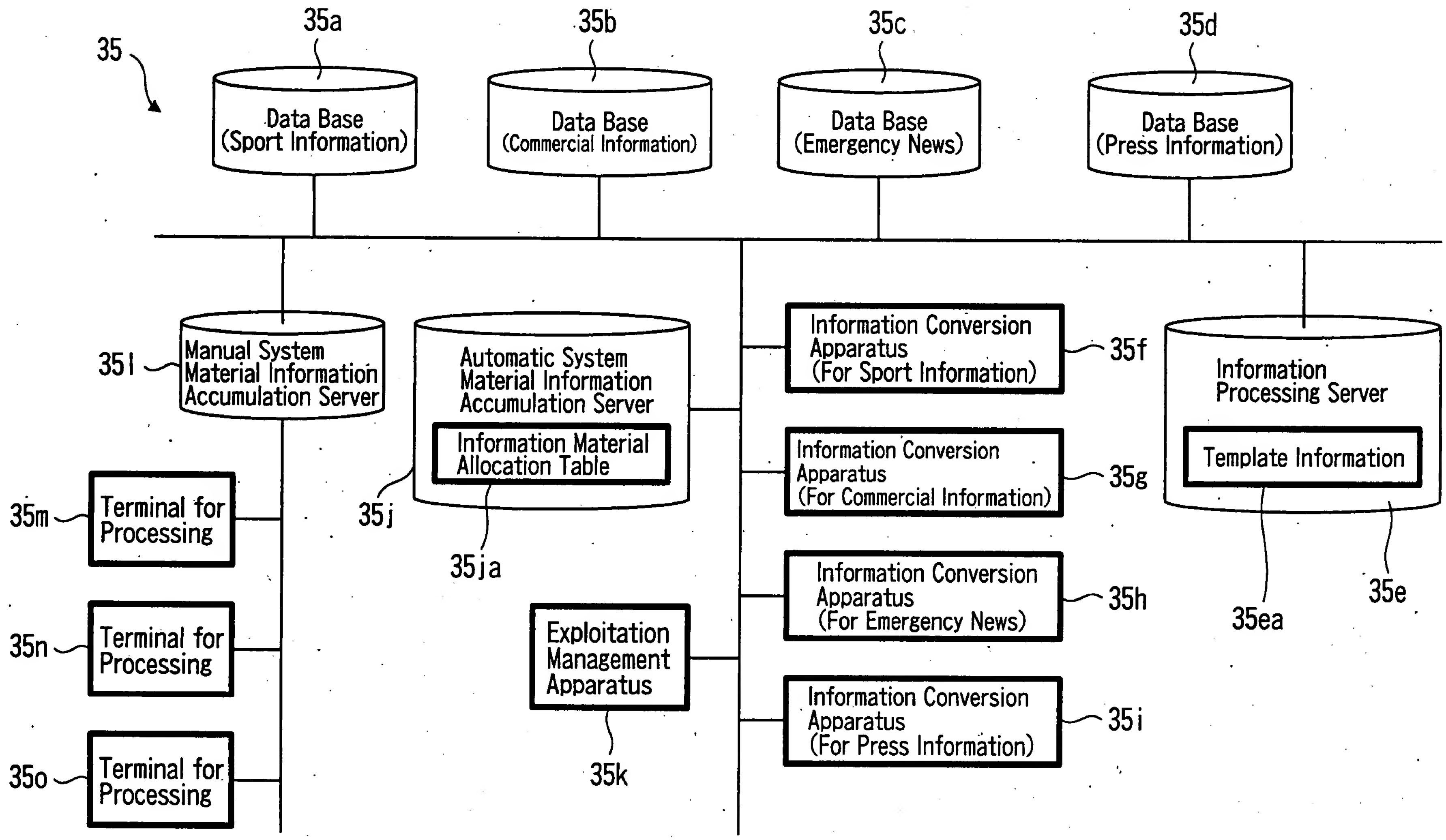

33a Recording Apparatus
33b
33 Information Utilization Apparatus
33aa
Broadcasting Contents Information
Broadcasting Contents Information
33ab
Information for Browser
33ac
Information for Broadcasting Contents Information Search
33ad
System Control Information
Information Control Apparatus
Auxiliary Memory Apparatus
33c
Input Apparatus
Display Apparatus
Memory Apparatus
Transmission Reception Apparatus
33d
33ea
33e
33f

FIG. 7



35
35a
Data Base
(Sport Information)
35b
Data Base
(Commercial Information)
35c
Data Base
(Emergency News)
35d
Data Base
(Press Information)
35l
Manual System
Material Information
Accumulation Server
Automatic System
Material Information
Accumulation Server
Information Material
Allocation Table
35j
35ja
Information Conversion
Apparatus
(For Sport Information)
35f
Information Conversion
Apparatus
(For Commercial Information)
35g
Information Conversion
Apparatus
(For Emergency News)
35h
Information Conversion
Apparatus
(For Press Information)
35i
Information
Processing Server
Template Information
35ea
35e
35m
Terminal for
Processing
35n
Terminal for
Processing
35o
Terminal for
Processing
Exploitation
Management
Apparatus
35k

FIG. 8

Title	Genre	Recording Date	Recording Time
News S	Press Information	10/04	1:20:00
Professional Baseball Jinkyo VS Hamayoko	Sport	10/04	2:19:00
Foreign Film Theater	Movie	10/03	2:22:00

40c Scroll Button

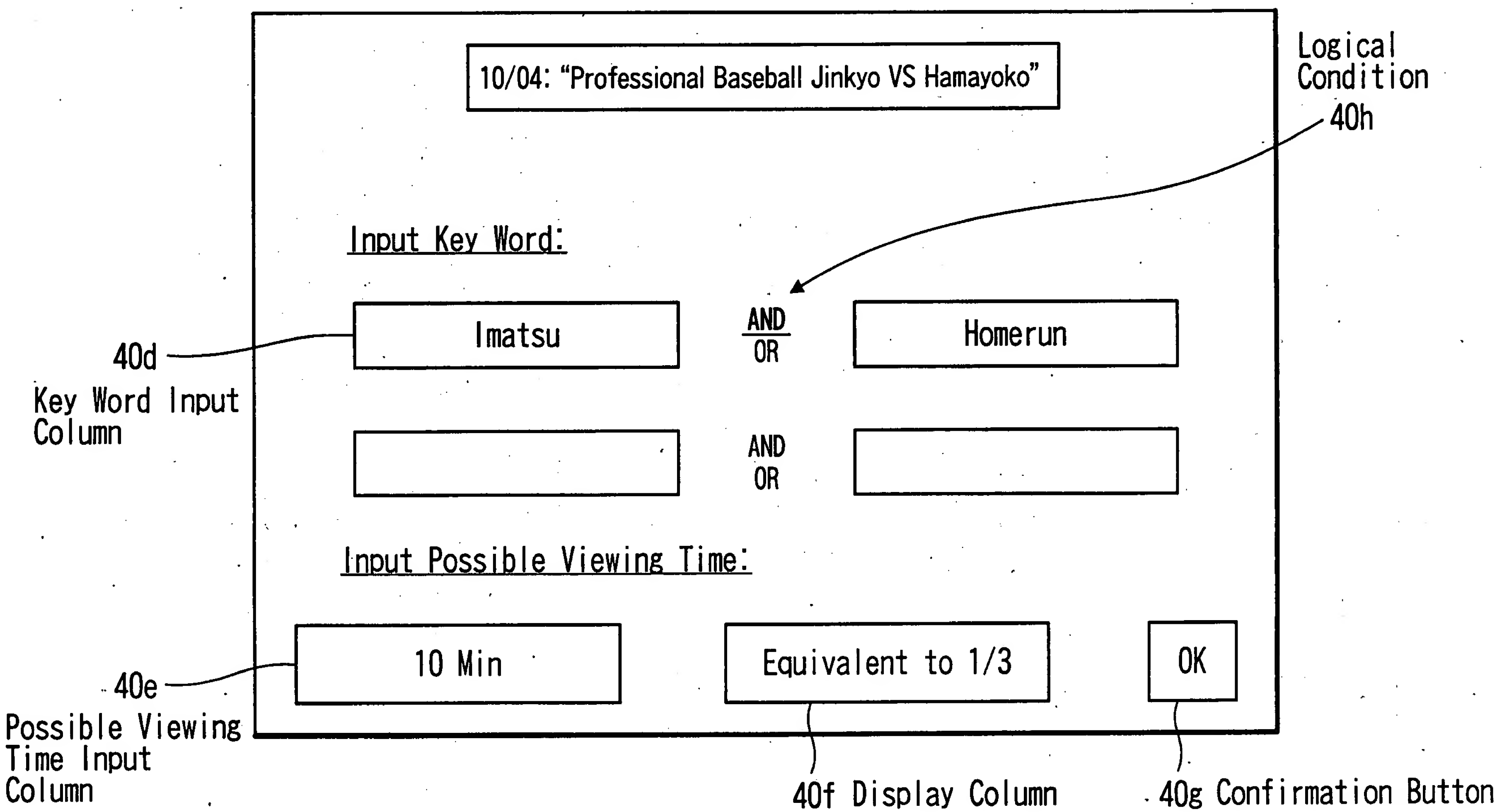
Detail

Select

40a Detail Button

40b Selection Button

FIG. 9



10/04: "Professional Baseball Jinkyo VS Hamayoko"
Input Key Word:
Imatsu
AND
OR
Homerun
AND
OR
Input Possible Viewing Time:
10 Min
Equivalent to 1/3
OK
Logical Condition
40h
40d
Key Word Input Column
40e
Possible Viewing Time Input Column
40f Display Column
40g Confirmation Button

FIG. 10

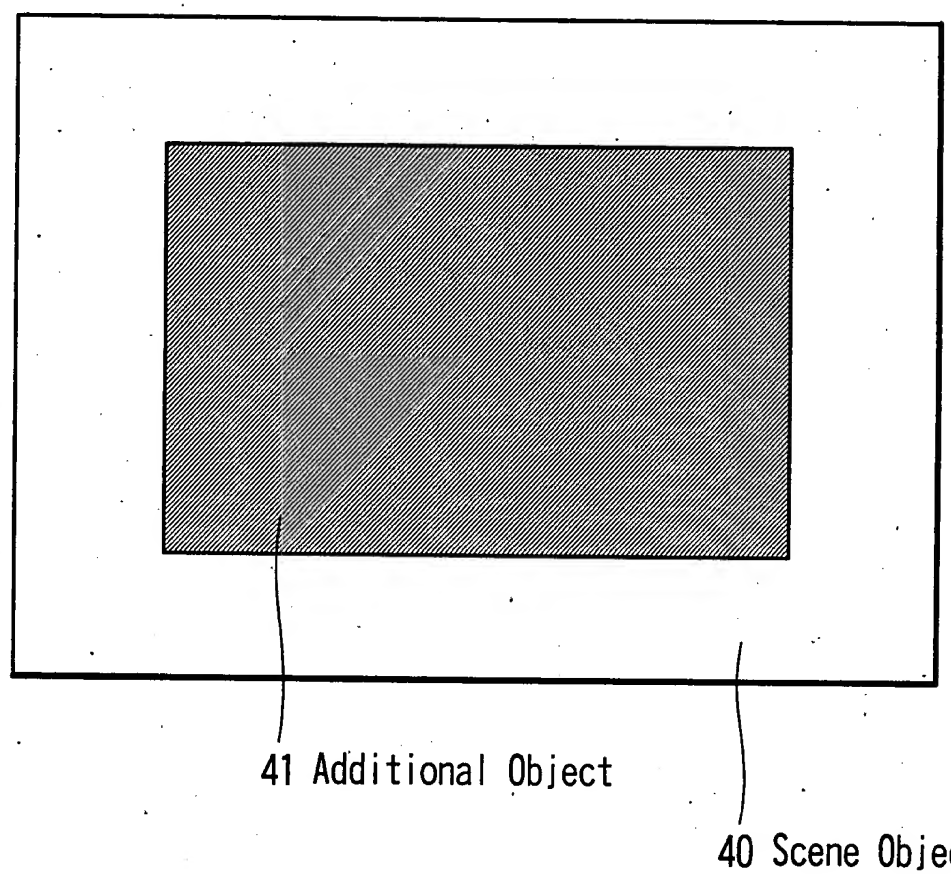


FIG. 11

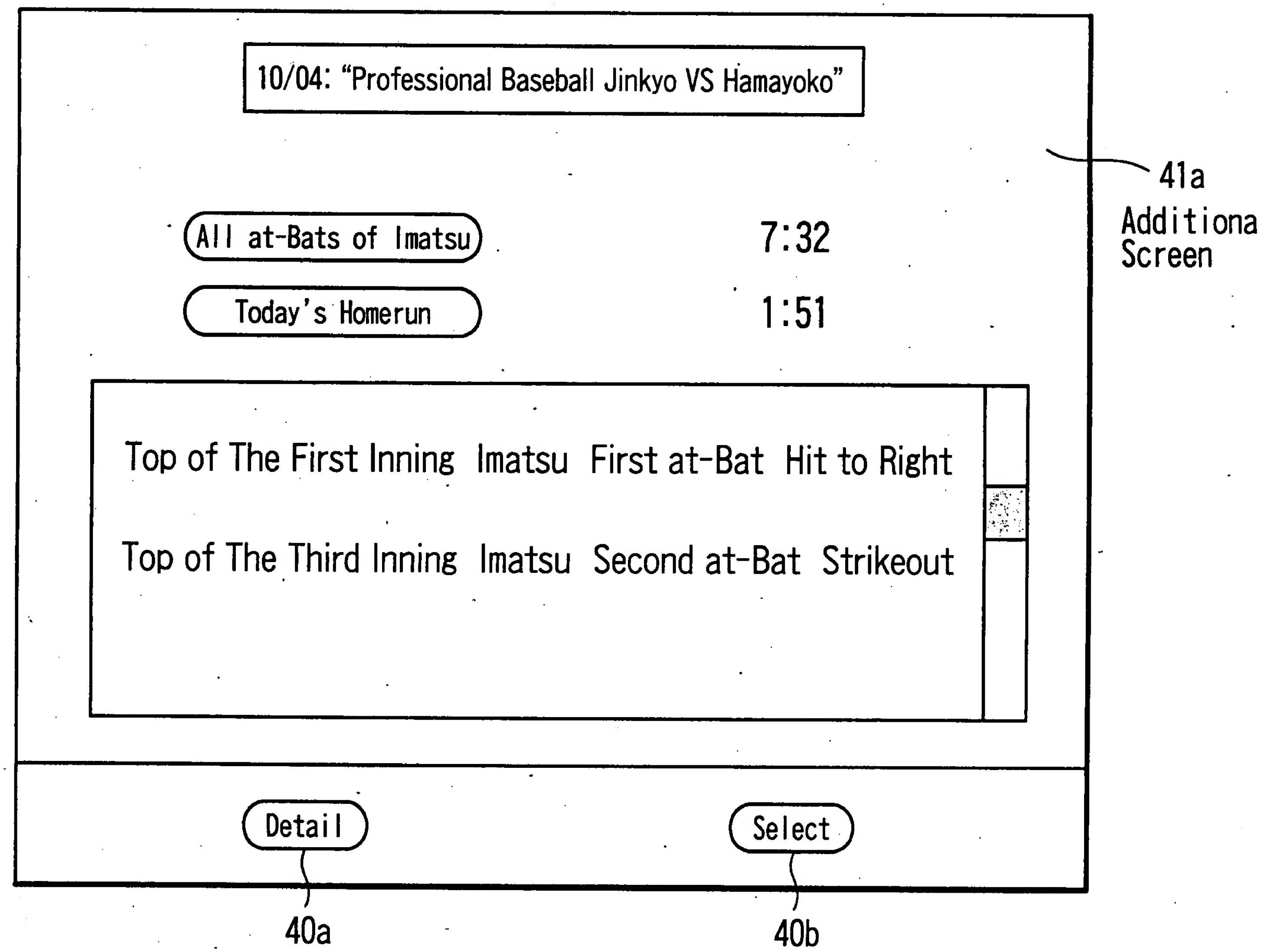
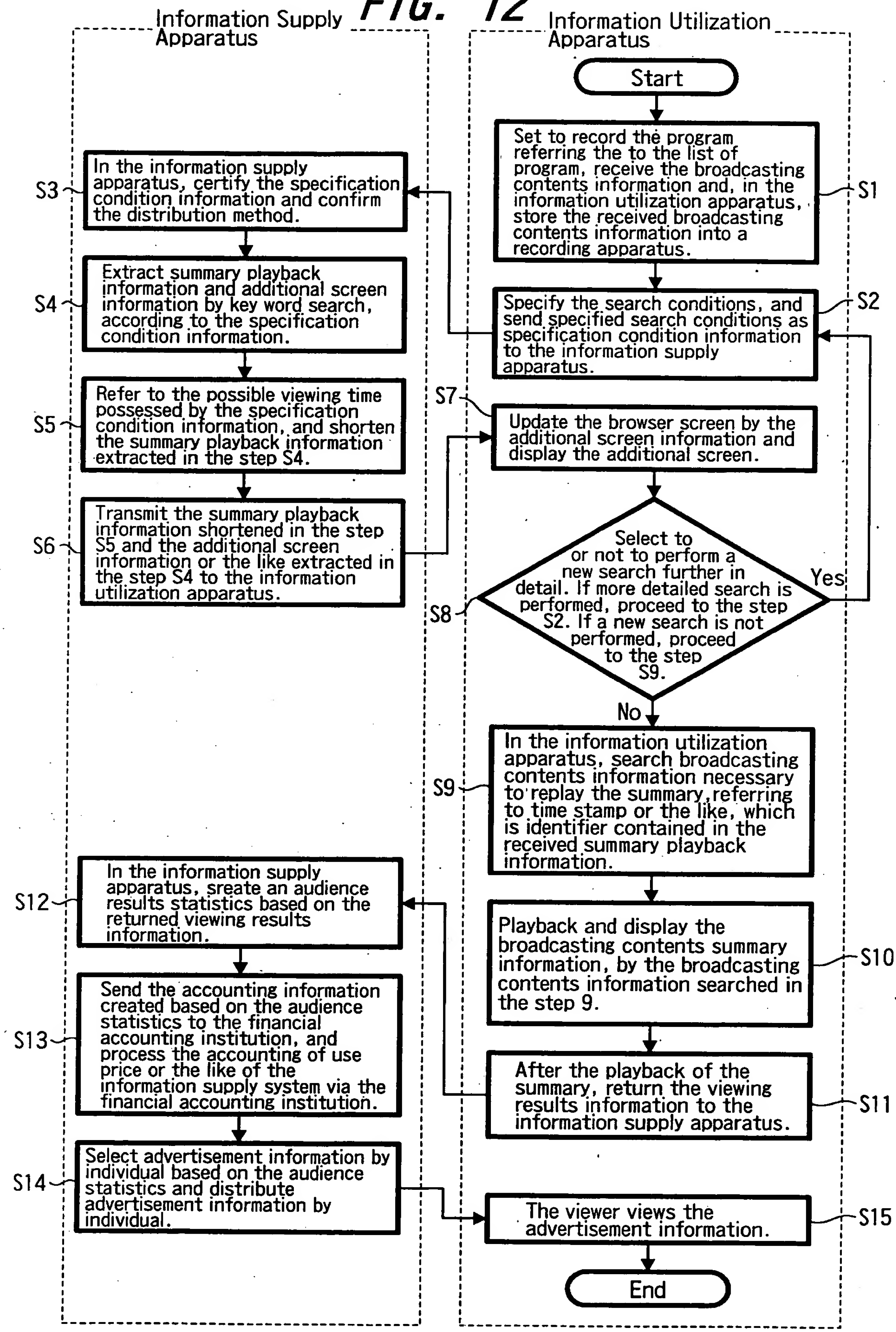

10/04: "Professional Baseball Jinkyo VS Hamayoko"
All at-Bats of Imatsu
7:32
Today's Homerun
1:51
Top of The First Inning Imatsu First at-Bat Hit to Right
Top of The Third Inning Imatsu Second at-Bat Strikeout
Detail
Select
41a Additional Screen
40a
40b

FIG. 12



Information Supply Apparatus
Information Utilization Apparatus
Start
Set to record the program referring the to the list of program, receive the broadcasting contents information and, in the information utilization apparatus, store the received broadcasting contents information into a recording apparatus.
S1
Specify the search conditions, and send specified search conditions as specification condition information to the information supply apparatus.
S2
S3
In the information supply apparatus, certify the specification condition information and confirm the distribution method.
S4
Extract summary playback information and additional screen information by key word search, according to the specification condition information.
S5
Refer to the possible viewing time possessed by the specification condition information, and shorten the summary playback information extracted in the step S4.
S6
Transmit the summary playback information shortened in the step S5 and the additional screen information or the like extracted in the step S4 to the information utilization apparatus.
S7
Update the browser screen by the additional screen information and display the additional screen.
S8
Select to or not to perform a new search further in detail. If more detailed search is performed, proceed to the step S2. If a new search is not performed, proceed to the step S9.
Yes
No
S9
In the information utilization apparatus, search broadcasting contents information necessary to replay the summary, referring to time stamp or the like, which is identifier contained in the received summary playback information.
Playback and display the broadcasting contents summary information, by the broadcasting contents information searched in the step 9.
S10
After the playback of the summary, return the viewing results information to the information supply apparatus.
S11
S12
In the information supply apparatus, sreate an audience results statistics based on the returned viewing results information.
S13
Send the accounting information created based on the audience statistics to the financial accounting institution, and process the accounting of use price or the like of the information supply system via the financial accounting institution.
S14
Select advertisement information by individual based on the audience statistics and distribute advertisement information by individual.
The viewer views the advertisement information.
S15
End